

WHAT IS CLAIMED IS:

1. A navigation system comprising:

position determination units that have a first position determination unit determining a position as a first position and a second position determination unit determining the position as a second position accurately than the first position determination unit;

maps that have a first map and a second map that is more detail than the first map;

a display that displays one of the first position determined by the first position determination unit and the second position determined by the second position determination unit on one of the first map and the second map; and

a controller that controls a relation between the position determination units and the maps to display one of the first position and the second position on one of the maps in the display.

2. The navigation system according to claim 1, wherein the controller selects one of the maps to display the position determined by one of the position determination units based on which position determination unit is used to determine the position.

3. The navigation system according to claim 2, wherein the controller prohibits using the second map to

display the first position determined by the first position determination unit when the second position determination unit is unavailable and the first position determination unit is used to determine the position.

4. The navigation system according to claim 3, wherein the controller includes:

accuracy determination means for determining whether the second position determination unit is available;

map setting determination means for determining whether the display is set to display the position determined by one of the position determination units on the second map when the accuracy determination means determines that the second position determination unit is unavailable; and

map setting means for setting the display to display the position on the first map when the map setting determination means determines that the display is set to display one of the positions on the second map.

5. The navigation system according to claim 2, wherein the controller selects the first map to display the first position determined by the first position determination unit when the second position determination unit is unavailable and the first position determination unit is used to determine the position.

6. The navigation system according to claim 2,

wherein the controller prohibits using the first map to display the second position determined by the second position determination unit when the second position determination unit is used to determine the position.

7. The navigation system according to claim 2, wherein the controller selects the second map to display the second position determined by the second position determination unit when the second position determination unit is used to determine the position.

8. The navigation system according to claim 1, wherein the controller selects one of the position determination units to determine the position based on which map is used to display the position.

9. The navigation system according to claim 8, wherein the controller prohibits using the second position determined by the second position determination unit when the first map is used to display the position.

10. The navigation system according to claim 8, wherein the controller selects the first position determined by the first position determination unit to display on the first map when the first map is used to display the position.

11. The navigation system according to claim 8,

wherein the controller prohibits using the first position determined by the first position determination unit when the second map is used to display the position.

12. The navigation system according to claim 8, wherein the controller selects the second position determined by the second position determination unit to display the position on the second map when the second map is used to display the position.